

Emi Kimura, Ph.D.

Assistant Professor and Extension Agronomist
Dept. of Soil and Crop Sciences/Ecosystem Science and Management,
Texas A&M AgriLife Extension Service, Vernon, TX

EDUCATION/TRAINING:

2014 PhD Washington State University, WA
2011 MS University of Wyoming, WY
2008 BS University of Wyoming, WY

POSITION AND EMPLOYMENT:

2015- Assistant Professor and Extension Agronomist, Dept. Soil and Crop Sciences (75%) and Ecosystem Science and Management (25%), Texas A&M AgriLife Extension Service, Vernon, TX
2015 Post-doctoral research fellow, Dept. of Crop and Soil Sciences, Washington State University, WA
2011-2014 Graduate research assistant, Dept. of Crop and Soil Sciences, Washington State University, Prosser, WA
2009-2011 Graduate research assistant, Dept. of Plant Sciences, University of Wyoming, Laramie, WY

PROGRAM OVERVIEW:

Program focus includes cultivar testing, Best Management Practices (BMPs), nutrient management, cropping systems, alternative crops, efficient irrigation, site-specific management, weed and brush control, and rangeland management. My goal as an Extension Agronomist is to provide sustainable and economically sound agronomic practices to agricultural producers and land managers in the Rolling Plains of Texas through the collaborated effort among regional and state Extension Specialists and Research Scientists within Texas A&M system as well as external collaborations across the states and nations.

AWARDS AND HONORS (LAST 4 YEARS):

Outstanding Group Award for the Red River Crops Conference. 2016. Oklahoma Cooperative Extension Service. Oklahoma State University (January 18th, 2017)

PUBLICATION (LAST 4 YEARS)

Refereed publications

1. **Kimura, E.**, S.C. Fransen H.P., Collins, B. Stanton, A. Himes, J. Smith, S.O. Guy, and W.J. Johnston. **2018**. Effect of intercropping hybrid poplar and switchgrass on biomass yield, forage quality, and land use efficiency for bioenergy production. *Biomass and Bioenergy* (Accepted on 1/18/2018).
2. Collins, H.P., **E. Kimura**, S. Fransen, A. Himes, and P.A. Fay. **2017**. Intercropping with switchgrass improves net greenhouse gas balance in hybrid poplar plantations on a sand soil. *Soil Science Society of America Journal*. Published online on May 2017. DOI: doi: 10.2136/sssaj2016.09.0294

3. Collins, H.P., **E. Kimura**, C.S. Frear, and C.E. Kruger. **2016**. Phosphorus Uptake by Potato from Fertilizers Recovered from Anaerobic Digestion. *Agron. J.* 108: 2036-2049.
4. Llewellyn, D., G. Rohwer, S. Norberg, **E. Kimura**, S. Neibergs, and S. Fransen. **2015**. Case study: Evaluating farm processed canola and camelina meals as protein supplements. *J. NACAA*. 8 (2):2158-9429.
5. **Kimura, E.**, H.P. Collins, S.O. Guy, W.J. Johnston, and S.C. Fransen. **2015**. Breaking seed dormancy of switchgrass (*Panicum virgatum* L.): A review. *Biomass Bioenerg.* 80:94-101.
6. **Kimura, E.**, H.P. Collins, and S.C. Fransen. **2015**. Biomass production and nutrient removal by switchgrass (*Panicum virgatum*) under irrigation. *Agron. J.* 107:204-210.

Non-refereed publications

1. **Kimura, E.**, J. Woodward, G. Morgan, J. Ramirez, T. Royer, B. Rodriguez, I. Yates, D. Dobitz, J. Coplen, D. Dunlap, R. Martin, C. Myers, Z. Petty, L. Reagan, J. Westbrook, and K. White. **2018**. Replicated Agronomic Cotton Evaluation (RACE) Rolling Plains of Texas, 2017. Texas A&M AgriLife Extension. SCSC-2018-XX.
2. **Kimura, E.**, J. Bell, C. Trostle, and C. Neely. **2017**. Winter Wheat Management Calendar for the Rolling Plains and High Plains of Texas. ESC-048.
3. Neely, C., D. C. Trostle, J. Bell, J. McGinty, D. Hathcoat, **E. Kimura**, S. McLellan, and P. DeLaune. **2017**. 2017 Texas Canola Variety Trials. SCSC-2017-11
4. Neely, C., D. C. Trostle, J. Bell, J. McGinty, D. Hathcoat, **E. Kimura**, S. McLellan, and P. DeLaune. **2017**. 2016 Texas Uniform Canola Variety Trials. SCSC-2017-10.
5. **Kimura, E.**, J. Woodward, G. Morgan, J. Ramirez, T. Royer, B. Rodriguez, I. Yates, D. Dobitz, J. Coplen, D. Dunlap, R. Martin, C. Myers, Z. Petty, L. Reagan, J. Westbrook, and K. White. **2017**. Replicated Agronomic Cotton Evaluation (RACE) Rolling Plains of Texas, 2016. Texas A&M AgriLife Extension. SCSC-2017-03.
6. Bell, J., E. Bynum, R. French, **E. Kimura**, C. Neely, and J. McGinty. **2016**. The Importance of Controlling Volunteer Wheat. SCSC-2016-28.
7. Neely, C., D. C. Trostle, J. Bell, J. McGinty, D. Hathcoat, **E. Kimura**, S. McLellan, and P. DeLaune. **2016**. 2016 Texas Uniform Canola Variety Trials. SCSC-2016-24.
8. Neely, C., D. Hathcoat, D. Drake, **E. Kimura**, J. Ramirez, and M. Berry. **2016**. Forage Variety Results. Texas Cool-Season Annual Variety Trials. SCSC-2016-23.
9. Neely, C. D. Hathcoat, D. Drake, C. Trostle, J. Bell, **E. Kimura**, J. McGinty, J. Ramirez, C. Allen, A. Knutson, X. Morris, C. Livingston, and P. Sirmon. **2016**. Texas wheat uniform variety trials. Texas A&M AgriLife Extension. SCS-2015-22.
10. **Kimura, E.**, J. Bell, C. Trostle, C. Neely, and D. Drake. **2016**. Potential causes of yellowing during tillering stage of wheat in Texas. Texas A&M AgriLife Extension. (ESC-040) SCS-2016-11.
11. McGinty, J., **E. Kimura**, P. Baumann, P. Dotray, and G. Morgan. **2016**. Weed management in Texas cotton. Texas A&M AgriLife Extension. SCS-2016-16.
12. **Kimura, E.**, J. Woodward, G. Morgan, J. Ramirez, B. Rodriguez, I. Yates, D. Dobitz, J. Coplen, D. Dunlap, R. Martin, Z. Petty, L. Reagan, J. Westbrook, and K. White. **2016**. Replicated Agronomic Cotton Evaluation (RACE) Rolling Plains of Texas, 2015. Texas A&M AgriLife Extension. SCS-2016-12.

13. Neely, C. D. Hathcoat, M. McFarland, D. Drake, C. Trostle, J. Bell, **E. Kimura**, J. McGinty, J. Ramirez, J. Swart, A. Braley, A. Ibrahim, J. Rudd, R. Sutton, R. Devkota, J. Baker, G. Opena, B. Simoneaux, and S. Baker. **2015**. Texas wheat uniform variety trials.